

Title (en)
SYSTEM AND METHOD FOR DETERMINING ELECTROGRAM MORPHOLOGY RECURRENCE PATTERNS AND RATES DURING ATRIAL FIBRILLATION

Title (de)
SYSTEM UND VERFAHREN ZUR BESTIMMUNG WIEDERAUFTRETENDER MUSTER UND RATEN IN EINER ELEKTROGRAMM-MORPHOLOGIE WÄHREND EINER VORHOF-FIBRILLATION

Title (fr)
SYSTÈME ET PROCÉDÉ DE DÉTERMINATION DE MODÈLES DE RÉCURRENCE DE MORPHOLOGIES D'ÉLECTROGRAMME ET DES RYTHMES LORS DE LA FIBRILLATION AURICULAIRE

Publication
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Application
EP 14858037 A 20141104

Priority
• US 201361899453 P 20131104
• US 2014063819 W 20141104

Abstract (en)
[origin: WO2015066678A2] At least one location of interest for perpetuation or persistence of arrhythmia or atrial fibrillation is identified by determining a repeatability of electrogram morphologies from electrical recordings within at least one atrium.

IPC 8 full level
A61B 5/00 (2006.01); **A61B 5/361** (2021.01); **A61B 18/00** (2006.01); **A61B 18/14** (2006.01)

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A61B 5/316 (2021.01 - EP US); **A61B 5/361** (2021.01 - EP US); **A61B 5/7246** (2013.01 - EP US); **A61B 5/287** (2021.01 - EP US); **A61B 5/339** (2021.01 - EP US); **A61B 18/1492** (2013.01 - EP US); **A61B 2018/00375** (2013.01 - EP US); **A61B 2018/00577** (2013.01 - EP US); **A61B 2018/00839** (2013.01 - EP US); **A61B 2505/05** (2013.01 - EP US); **A61B 2576/023** (2013.01 - US)

Citation (search report)
• [X] US 2004059237 A1 20040325 - NARAYAN SANJIV MATHUR [US], et al
• [X] WO 2010054409 A1 20100514 - CARDIOINSIGHT TECHNOLOGIES INC [US], et al
• [A] WO 2012149128 A1 20121101 - UNIV COLUMBIA [US], et al
• [X] DAVID E. KRUMMEN ET AL: "Centrifugal Gradients of Rate and Organization in Human Atrial Fibrillation", PACE - PACING AND CLINICAL ELECTROPHYSIOLOGY., vol. 32, no. 11, 1 November 2009 (2009-11-01), US, pages 1366 - 1378, XP055376345, ISSN: 0147-8389, DOI: 10.1111/j.1540-8159.2009.02525.x
• [A] Y.-J. LIN ET AL: "Prevalence, Characteristics, Mapping, and Catheter Ablation of Potential Rotors in Nonparoxysmal Atrial Fibrillation", CIRCULATION. ARRHYTHMIA AND ELECTROPHYSIOLOGY, vol. 6, no. 5, 27 August 2013 (2013-08-27), United States, pages 851 - 858, XP055376351, ISSN: 1941-3149, DOI: 10.1161/CIRCEP.113.000318
• See references of WO 2015066678A2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
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DOCDB simple family (application)
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